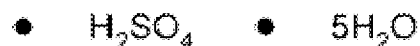
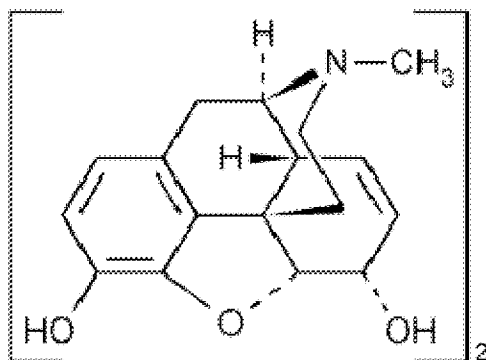


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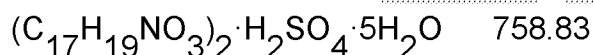
Morphine Sulfate

(mor' feen sul' fate).



USP Image

3D Image



Morphinan-3,6-diol, 7,8-didehydro-4,5-epoxy-17-methyl, (5 α ,6 α)-, sulfate (2:1) (salt), pentahydrate.

7,8-Didehydro-4,5 α -epoxy-17-methylmorphinan-3,6 α -diol sulfate (2:1) (salt) pentahydrate [6211-15-0].

Anhydrous 668.77 [64-31-3].

» Morphine Sulfate contains not less than 98.0 percent and not more than 102.0 percent of $(\text{C}_{17}\text{H}_{19}\text{NO}_3)_2 \cdot \text{H}_2\text{SO}_4$, calculated on the anhydrous basis.

Packaging and storage—Preserve in tight, light-resistant containers. Store up to 40° as permitted by the manufacturer.

USP REFERENCE STANDARDS { 11 } —

USP Morphine Sulfate RS

Identification—

A: Infrared Absorption { 197K } : dried at 145° for 1 hour.

B: To 1 mg in a porcelain crucible or small dish add 0.5 mL of sulfuric acid containing, in each mL, 1 drop of *formaldehyde TS*: an intense purple color is produced at once, and quickly changes to deep blue-violet (*distinction from codeine which gives at once an intense violet-blue color and from*